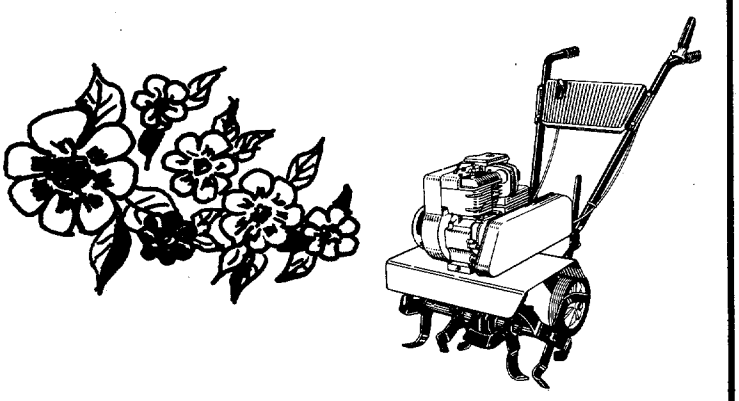
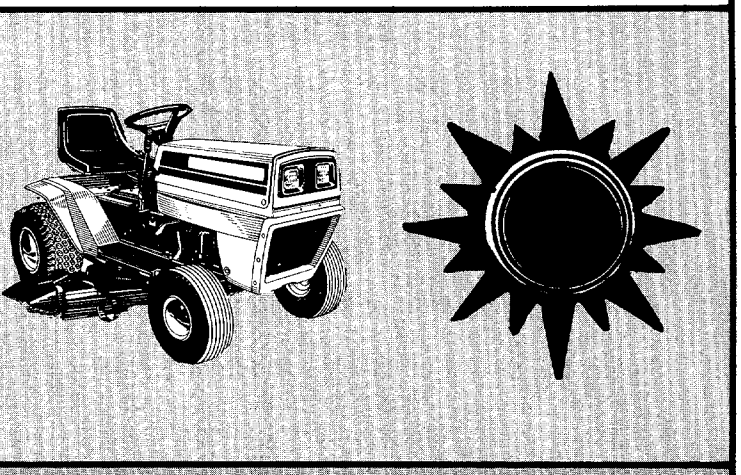
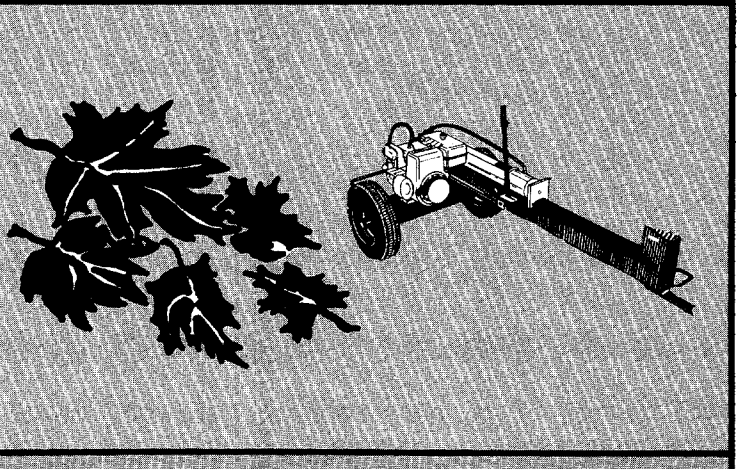
.75

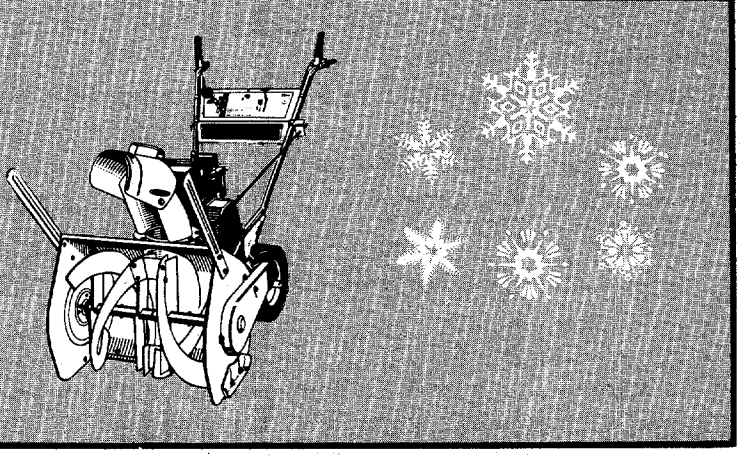
# OWNER'S MANUAL

## 22″ REAR DISCHARGE PROFESSIONAL ROTARY MOWER









## Model Number 112-638A

## Important:

### Read Safety Rules and Instructions Carefully

Thank you for purchasing an American built product.

PRINTED IN U.S.A.

FORM NO. 770-1792

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# MTD PROFESSIONAL LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

**NOTE:** The use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer is **not** recommended.

**WARNING:** DO NOT operate the mower with the chute door open unless the complete grass catcher is properly mounted on the mower.

**WARNING:** The mower shall not be operated without the protective shield on the rear of the mower in place.

**NOTE:** Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0191.

**WARNING: TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA**

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

**WARNING**

**To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.**

# SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

## TRAINING

1. It is suggested that this manual be read in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future reference and for ordering replacement parts.
2. Your rotary mower is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times.
3. Read this Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
4. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidently thrown by the mower in any direction and cause injury.

## PREPARATION

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction and cause injury.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Do not wear loose fitting clothing that could get caught on the mower.
4. Check the fuel before starting the engine. Gasoline is an extremely flammable fuel. Do not fill the gasoline tank indoors, while the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine as it may cause a fire or explosion.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. Never attempt to make a wheel or cutting height adjustment while the engine is running.
7. Mow only in daylight or in good artificial light.
8. Never operate the equipment in wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.

## OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade can cause injury.
3. Stop the blade when crossing gravel drives, walks or roads.
4. After striking a foreign object, stop the engine, remove the wire from the spark plug, and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade has stopped completely. The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
9. Do not run the engine indoors.
10. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
11. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
12. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
13. Never operate mower without proper guards, plates or other safety protective devices in place.
14. Keep washout ports and other mower-housing service openings closed when mowing.
15. **DO NOT OPERATE** this mower with the chute doors open, unless the complete grass catcher is properly mounted on the mower.

## MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.

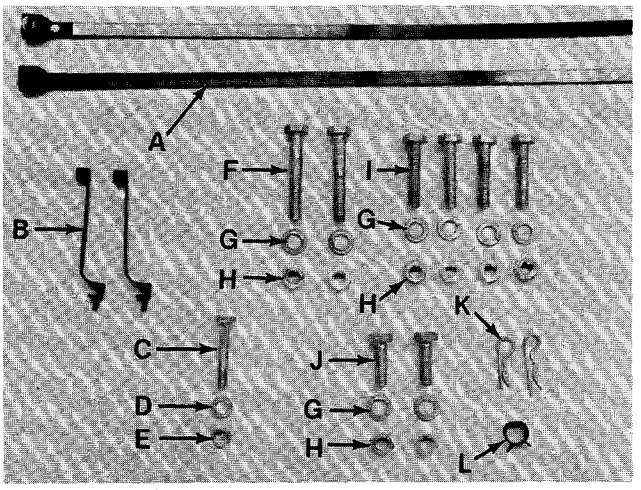



FIGURE 1.

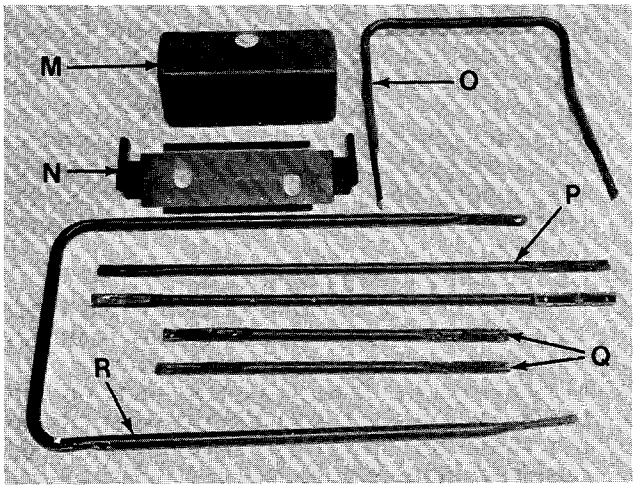



FIGURE 2.

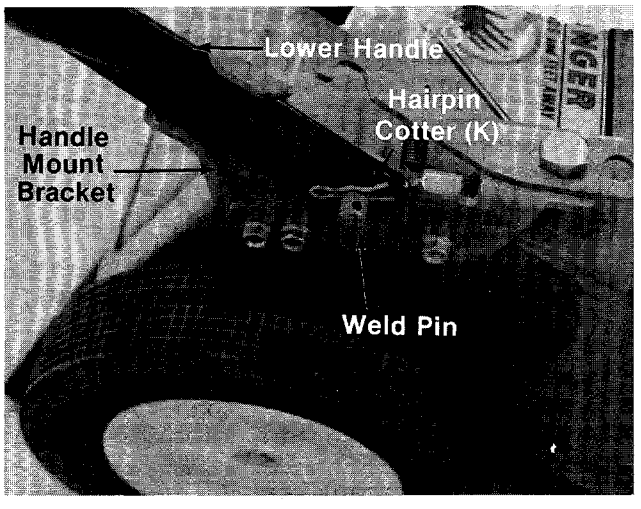



FIGURE 3.

# ASSEMBLY INSTRUCTIONS

**NOTE**

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and engine oil recommendations.

**Contents of Hardware Pack: (See figure 1)**

A (2) Cable Ties (Fuel Tank)
B (2) Cable Ties (Throttle Control Wire)
C (1) Hex Bolt ¼-20 x 1.50″ Long
D (1) Lock Washer ¼″ I.D.
E (1) Hex Nut ¼-20 Thread
F (2) Hex Bolts 5/16-18 x 1.75″ Long
G (8) Lock Washers 5/16″ I.D.
H (8) Hex Lock Nuts 5/16-18 Thread
I (4) Hex Bolts 5/16-18 x 1.50″ Long
J (2) Hex Bolts 5/16-18 x .75″ Long
K (2) Hairpin Cotters
L (1) Hose Clamp (For Fuel Line)

**Loose Contents in Carton: (See figure 2)**

M (1) Fuel Tank
N (1) Fuel Tank Bracket
O (1) Upper Handle
P (2) Upper Struts
Q (2) Lower Struts
R (1) Lower Handle

1. Remove the lawn mower, loose parts, hardware pack and literature from the carton. Make certain all parts and literature have been removed before the carton is discarded.
2. Extend the throttle control which is attached to the mower and place on the floor. Be careful not to bend or kink control wire.
3. Place lower handle in position over weld pins in handle mount brackets on deck. Secure by placing two hairpin cotters (K) in inner hole on weld pins. See figure 3.

**NOTE**

It may be necessary to bend the ends of the lower handle inward slightly to obtain a snug fit against the bracket mounting area.

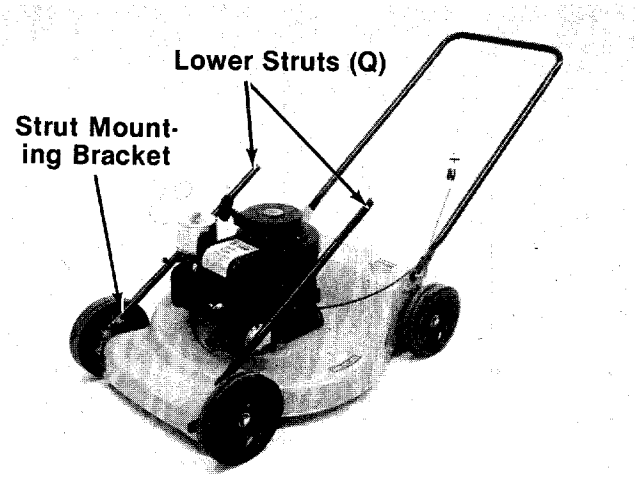



FIGURE 4.

4. Place the lower struts (Q) in position on strut mounting brackets. Secure with hex bolts (J), lock washers (G) and lock nuts (H). See figure 4. Only tighten finger tight at this time.

FIGURE 5.

5. Place the fuel tank mounting bracket (N) over the lower struts. See figure 5. Place upper struts (P) in position, lining up the holes in the lower handles, fuel tank mounting bracket and upper struts. Start by hand hex bolts (I), lock washers (G) and hex lock nuts (H). Do not tighten at this time.

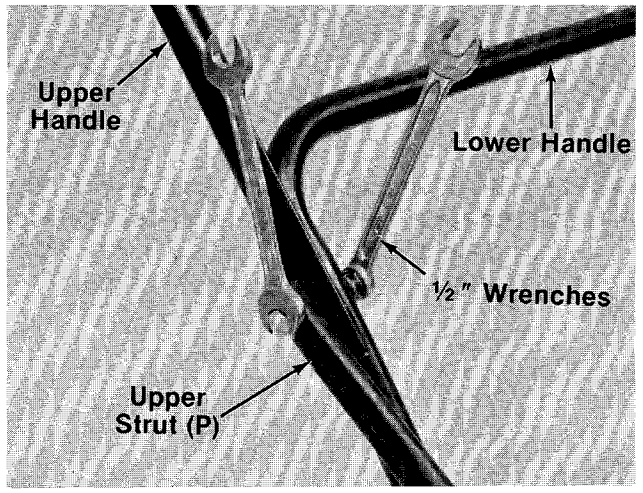



FIGURE 6.

6. Place upper handle in position over lower handle. Secure upper and lower handles and upper struts with hex bolts (F), lock washers (G) and hex lock nuts (H). See figure 6. Tighten securely. Two ½" wrenches are required.

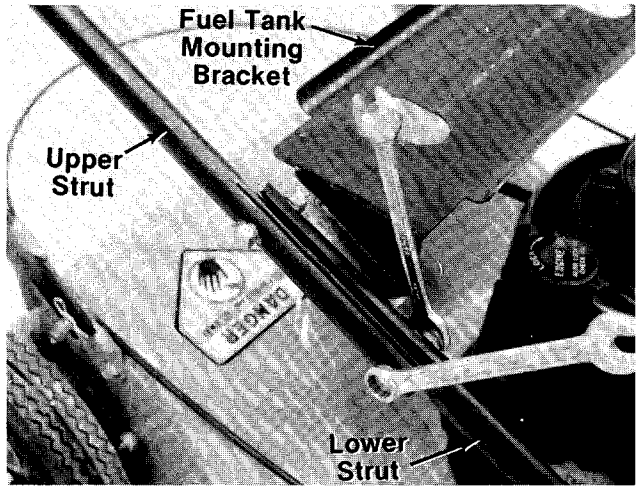



FIGURE 7.

7. Now tighten the fuel tank mounting bracket and upper and lower struts securely, using ½" wrenches. See figure 7.

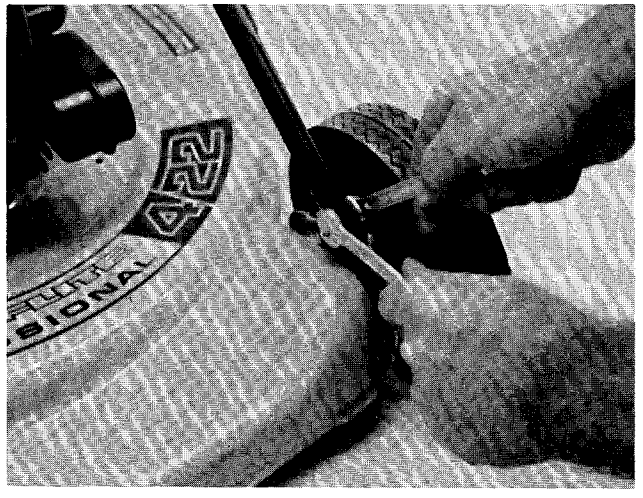


FIGURE 8.

8. Tighten the lower struts to strut mounting brackets securely, using two ½" wrenches. See figure 8.

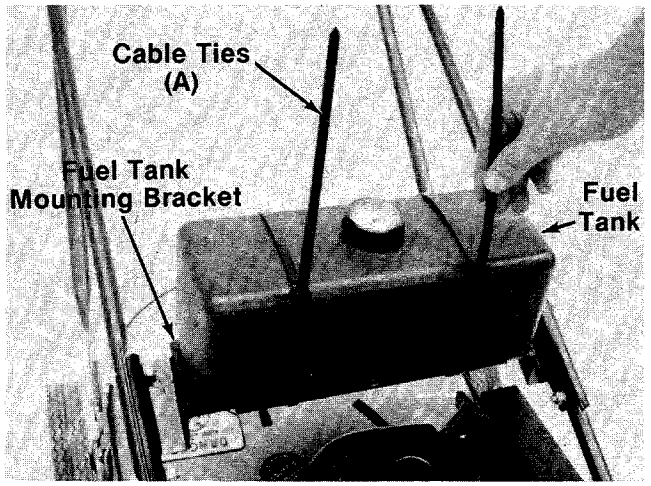



FIGURE 9.

9. Place the fuel tank in position on the fuel tank mounting bracket. Secure in place with two plastic cable ties (A). See figure 9. Cut off excess ends.

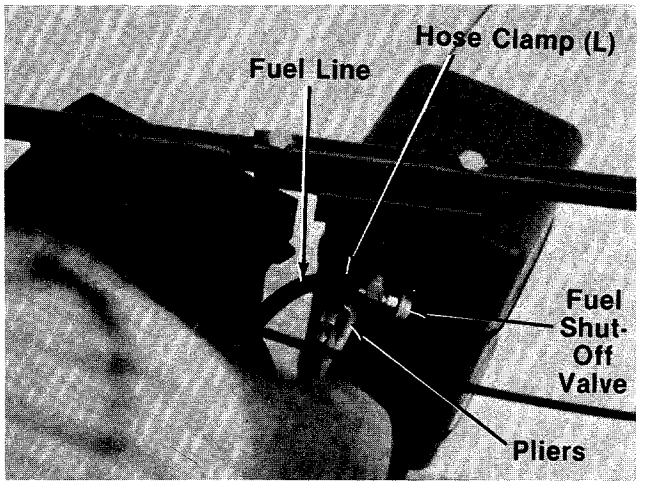



FIGURE 10.

10. Using a pair of pliers, slip the hose clamp (L) over the end of fuel line (already on engine). Place end of fuel line over fuel shut-off valve (on bottom of tank). Secure with hose clamp (L). See figure 10.

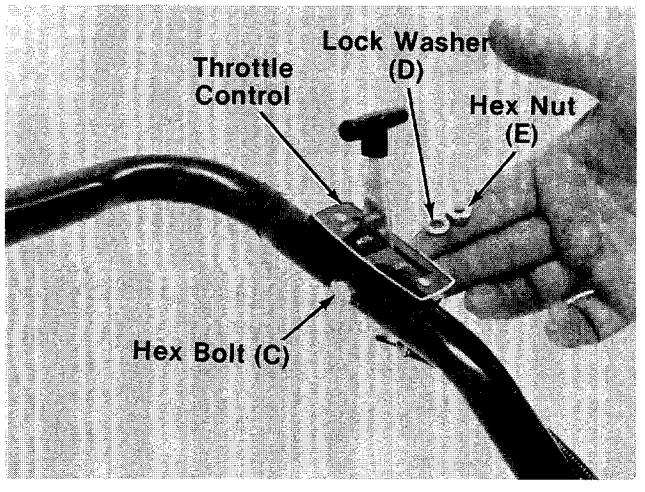



FIGURE 11.

11. Place the throttle control in position on the left hand side of the upper handle. Secure with hex bolt (C), lock washer (D) and hex nut (E) provided. See figure 11.

**NOTE**

Reference to left or right side of machine is from operator's position at the handle facing forward.

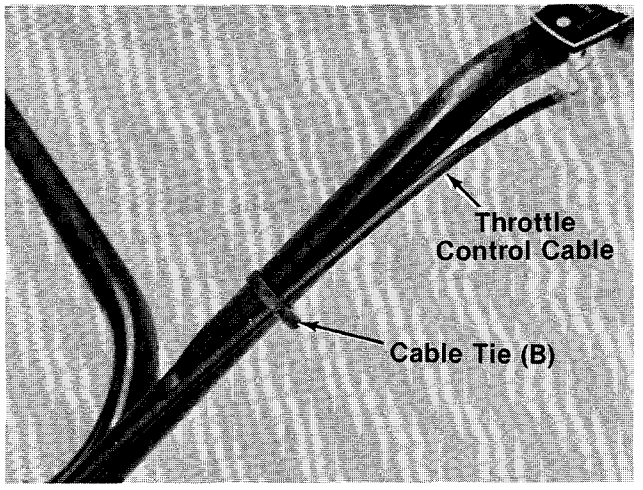



FIGURE 12.

12. Secure throttle control cable to handle with cable ties (B) provided. See figure 12.
13. Check **all** nuts and bolts for correct tightness.

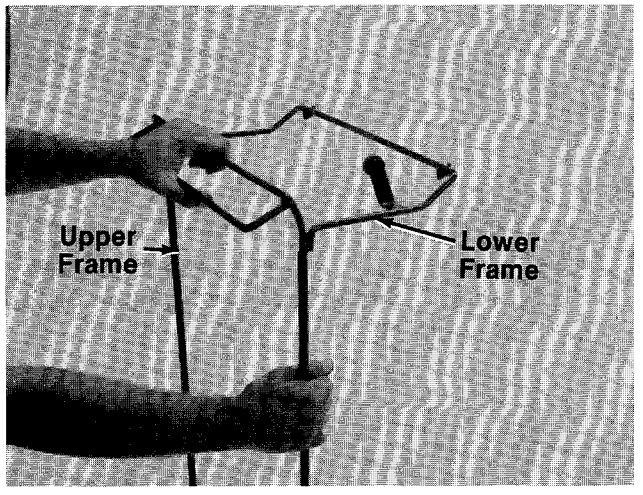



FIGURE 13.

# ASSEMBLY
## Grass Catcher

1. Join the upper frame and lower frame assembly as shown in figure 13.

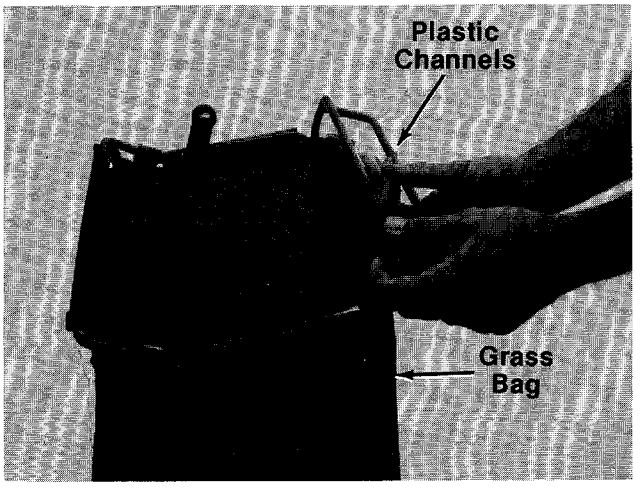



FIGURE 14.

2. Place bag over frame (black plastic side is the bottom of bag). Upper frame goes to the top of bag.
3. Secure bag to frame by slipping plastic channels on bag over frame. See figure 14.

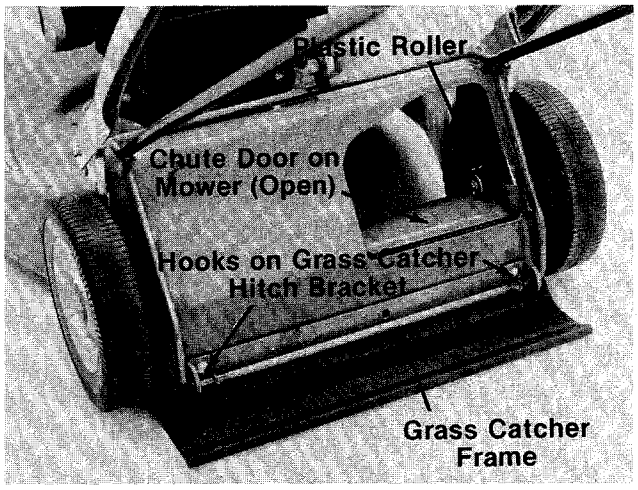



FIGURE 15.

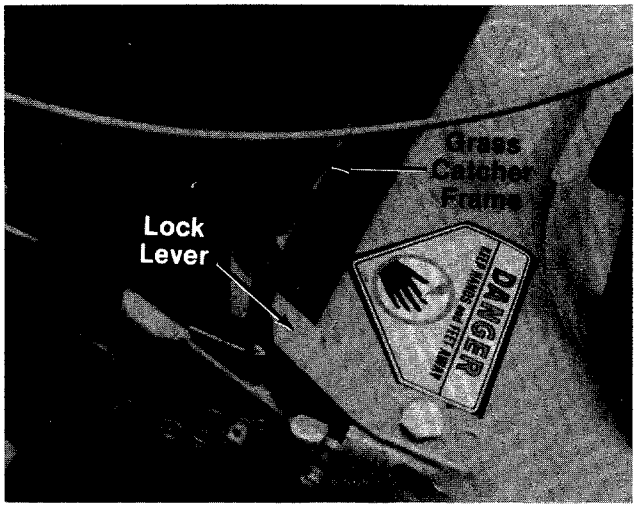



FIGURE 16.

# TO ATTACH BAG TO MOWER

**WARNING**

**DO NOT** operate the mower with the chute door open unless the complete grass catcher is properly mounted on the mower.

1. Attach the grass catcher frame to grass catcher hitch bracket on rear of the mower by hooking grass catcher into hooks on grass catcher hitch bracket. See figure 15.
2. Lift the rear of grass catcher up. The roller on the grass catcher will push the chute door on the mower open. See figure 15.

**NOTE**

Figure 15 is shown with the chute door open for photo clarity only.

The grass catcher frame will snap into place, secured by the lock lever. See figure 16.

To remove the grass catcher, unhook the lock lever and slip the grass catcher off the unit. See figure 16.

# OPERATION

**DO NOT OPERATE THIS MOWER WITH THE CHUTE DOOR OPEN, UNLESS THE COMPLETE GRASSCATCHER IS PROPERLY MOUNTED ON THE MOWER.**

FIGURE 17.

Keep hands and feet away from the chute area on cutting deck. See figure 17.

**NOTE**

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results, raise the cutting position until it is determined which height is best for your lawn. See adjustment section.

### BEFORE STARTING

1. Check to see that the handle is in the operating detent in the brackets on the deck, and the upstop projections restrict the handle from moving up and forward. If necessary, remove the left side from the mounting pin on the deck bracket. Push inward to decrease the spacing between the two sides of the handle until it is slightly less than the spacing of the deck brackets. Reinstall over the mounting pin and secure the hairpin cotter in the inner holes.
2. Fill sump with oil, using a high quality detergent oil classified "For Service SC, SD, SE or MS." Use SAE 30, SAE 10W-30 or SAE 10W-40 viscosity grade oil. Nothing should be added to the recommended oil.

   Place engine level. Remove the dipstick. See figure 18. Fill to full mark on dipstick. Pour slowly. Capacity 1¼ pints.

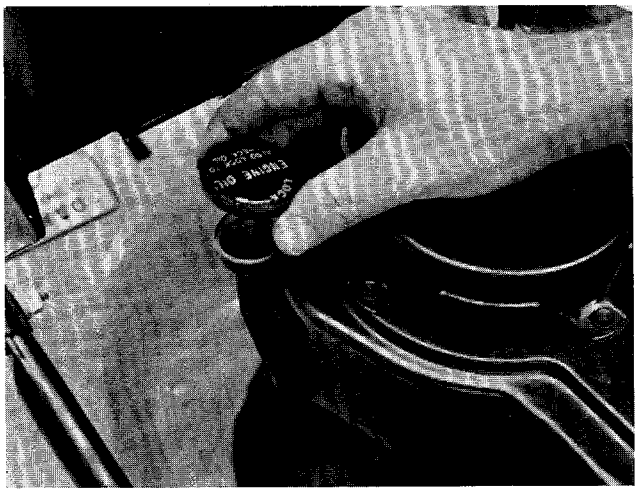


**FIGURE 18.**

3. Fill fuel tank, using clean, fresh leaded **regular** grade automotive gasoline. Fill tank completely.

   DO NOT MIX OIL WITH GASOLINE.

### TO START ENGINE

1. Move throttle control lever to "START" position.
2. Place foot on right side of deck and hold handle to prevent tipping the unit. Grasp starter and pull out rapidly. Return it slowly to the engine. Repeat if necessary.

This mower is designed to be operated at full throttle to give you the best cut and do the most effective job of bagging the cut grass.

### TO STOP ENGINE

1. Move throttle control lever to "STOP" position.
2. Remove spark plug wire from spark plug and ground to prevent accidental starting while equipment is unattended.

Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.

**IMPORTANT**

If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

**WARNING**

Unless the entire grass catcher is correctly positioned on the mower, do not open the discharge chute door when the engine is running.

# ADJUSTMENTS

**CAUTION**

Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

### CUTTING HEIGHT

An adjusting plate and thumb lever at each wheel position provides cutting height adjustment. Each adjusting plate has five holes. Height of cut will be changed when the thumb lever is moved from one hole to another. Simply depress the lever towards wheel and move wheel and lever assembly to desired position. See figure 19.

Cutting height will be raised as front and rear levers are lowered. Cutting height will be lowered as front and rear levers are raised. All wheels must be positioned at the same height.

For rough or uneven lawns, move the wheels to a position which will give a higher cutting height.

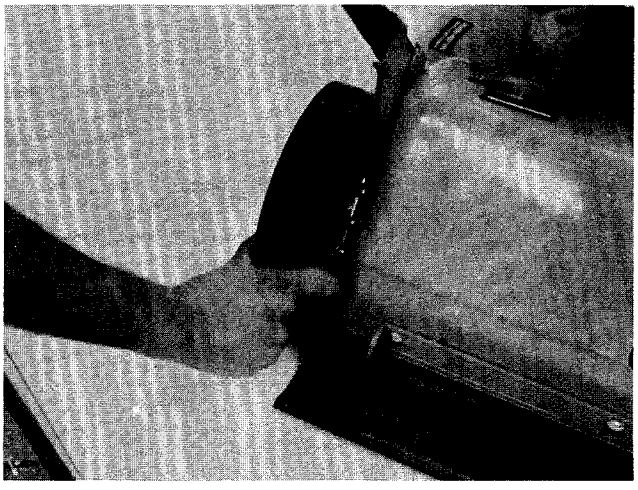


FIGURE 19.

### THROTTLE

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

1. Loosen, but do not remove, the screw securing throttle control wire assembly at engine. See figure 20.

FIGURE 20.

2. Move throttle control lever on handle to "FAST" position.
3. Move lever to which control wire is fastened at engine to full open position. Retighten screw to secure throttle control wire assembly.

### CARBURETOR ADJUSTMENTS

Refer to the engine manual for carburetor adjustment information.

**WARNING**

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

# LUBRICATION

**IMPORTANT**

Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

**Wheels**—The wheel bearings should be lubricated at least once a season. If the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

**Engine**—Follow engine manual for lubrication instructions.

**Throttle**—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil for ease of operation.

**Discharge Chute Door Mechanism**—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Door must work freely.

# MAINTENANCE

### CUTTING BLADE

**A. Removal for Sharpening or Replacement**

**WARNING**

Be sure to disconnect and ground the spark plug wire before working on the cutting blade to prevent accidental engine starting.

1. Remove the large bolt and lock washer which holds the blade and adapter to the engine crankshaft. See figure 21.

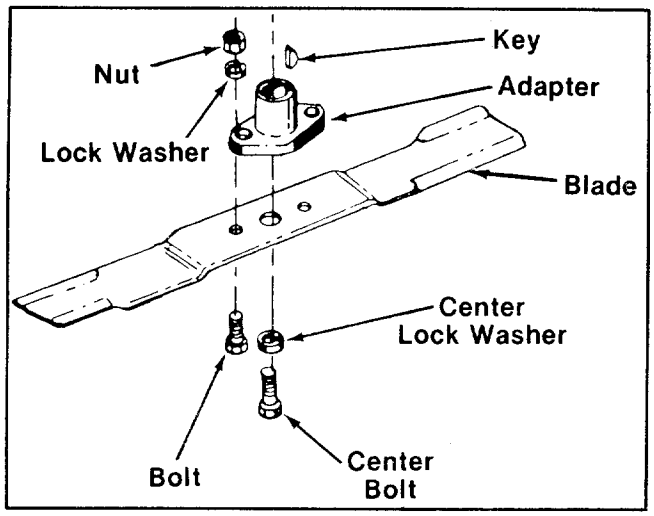



FIGURE 21.

2. Remove the blade and adapter from the crankshaft. Be careful not to lose the key on the crankshaft.
3. If the blade or blade adapter needs replacing, remove the two small bolts, lock washers and nuts which hold the blade to the adapter.

### B. Sharpening

Remove the cutting blade by following the directions of the preceding section.

When sharpening the blade, follow the original angle of grind as a guide. It is **extremely important** that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds, may cause damage to the mower and could break, causing personal injury.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly. See figure 22.

**NOTE**

It is recommended that the blade always be removed from the adapter for the best test of balance.

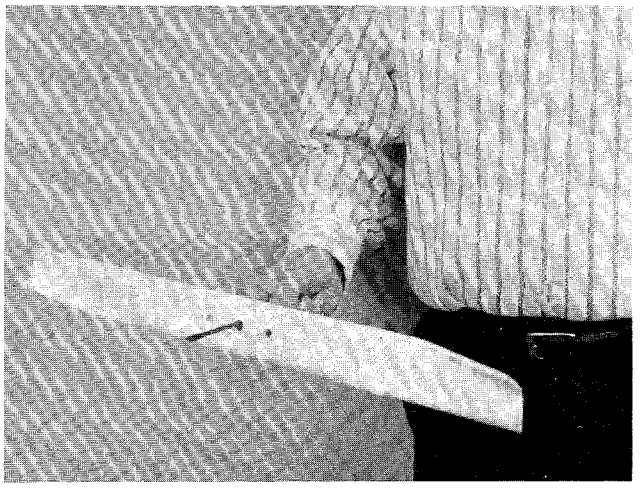


FIGURE 22.

### C. Reassembly

Before reassembling the blade and the blade adapter to the unit, lubricate the engine crankshaft and the inner surface of the blade adapter with light oil. Lubricating the bolt holes, bolts and inner surface of the nuts with light oil is also recommended. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom" (or with part number) facing the ground when the mower is in the operating position. Make certain key is in place on the crankshaft.

**Blade Mounting Torque**

3/8" Dia. Bolt 375 in. lb. min., 450 in. lb. max.
5/16" Dia. Bolt 150 in. lb. min., 250 in. lb. max.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

## DECK

The underside of the mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.

**CAUTION**

Do not direct the stream of water at a hot engine as damage to the engine may result. Be sure spark plug wire is disconnected.

### ENGINE OIL

Check oil level before starting engine and after every 5 hours of operation. Add oil as necessary to keep level full to full mark on dipstick. Engine should be in a level position when checking oil.

Change oil after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained thru drain on bottom of engine. To drain completely, always place engine level when draining thru the bottom. Oil capacity 1¼ pints. See figure 23.

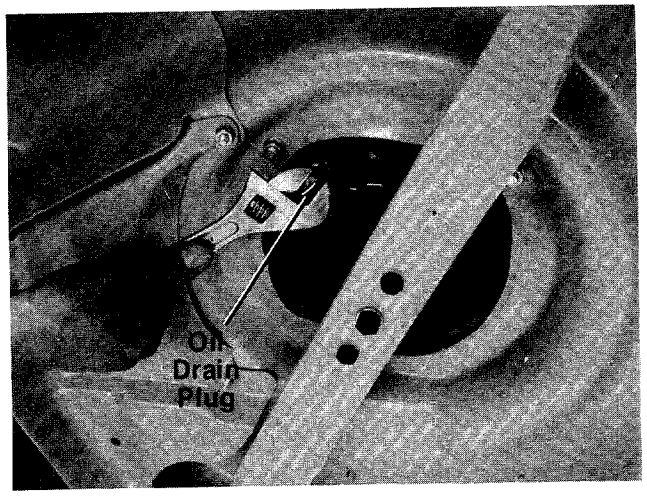



**FIGURE 23.**

### AIR CLEANER

Service air cleaner every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. To service the air cleaner, refer to the engine manual packed with your unit.

### SPARK PLUG

The spark plug should be cleaned and the gap reset once a season. Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type and gap specifications.

# OFF-SEASON STORAGE

If the machine is to be inoperative for a period longer than 30 days, the following procedures are recommended:

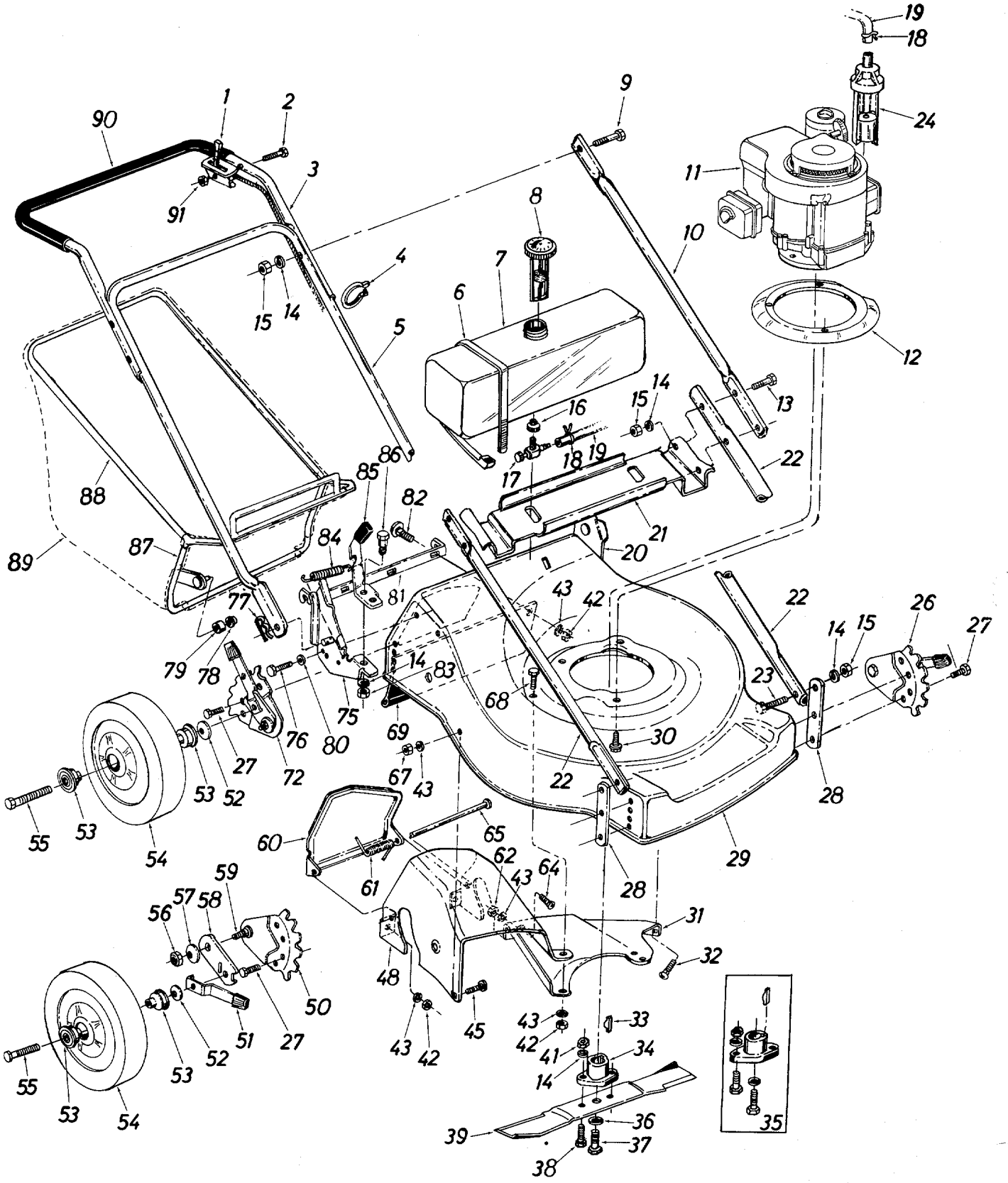
1. Working outdoors, drain all fuel from the fuel tank. Use a clean dry cloth to absorb the small amount of fuel remaining in the tank. Then run the engine until all fuel in the carburetor is exhausted.

**WARNING**

Do not drain fuel while smoking, or if near an open fire.

2. Drain all the oil from the crankcase (this should be done after the engine has been operated and is still warm). Refill the crankcase with clean new oil.
3. Disconnect the spark plug wire and remove the spark plug from the cylinder. Pour about 2 or 3 tablespoons of engine oil into the cylinder. Turn the engine over several times to spread out the oil. Replace the spark plug, but do not connect the wire.
4. Clean the engine and the entire mower thoroughly.
5. Lubricate all lubrication points.

# Model 638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# Model 638

## PARTS LIST FOR MODEL 638
## REAR DISCHARGE ROTARY MOWER

| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|---|---|---|---|---|
| 1 | 766-0428 | | Throttle Control Ass'y. Comp. | |
| 2 | 710-0606 | | Hex Bolt ¼-20 x 1.50" Lg.* | |
| 3 | 749-0378 | | Upper Handle | |
| 4 | 726-0188 | | Plastic Cable Tie | |
| 5 | 749-0374 | | Lower Handle | |
| 6 | 726-0209 | | Fuel Tank Straps | |
| 7 | 751-0225 | | Fuel Tank | |
| 8 | 723-0155 | | Fuel Gauge | |
| 9 | 710-0380 | | Hex Bolt 5/16-18 x 1.75" Lg.* | |
| 10 | 749-0514 | | Upper Strut | |
| 11 | — | | Engine | |
| 12 | 13773 | | Engine Mount Cover Plate | |
| 13 | 710-0442 | | Hex Bolt 5/16-18 x 1.50" Lg.* | |
| 14 | 736-0119 | | L-Wash. 5/16" I.D.* | |
| 15 | 712-0158 | | Hex Cent. L-Nut 5/16-18 Thd. | |
| 16 | 735-0149 | | Bushing (Fuel Tank) | |
| 17 | 751-0171 | | Fuel Shut-Off Valve | |
| 18 | 726-0183 | | Hose Clamp 3/8" I.D. | |
| 19 | — | | Fuel Line (Comes w/Engine) | |
| 20 | 12297 | | Handle Mount Brkt. Ass'y. | |
| 21 | 14426 | | Fuel Tank Mounting Brkt. | |
| 22 | 749-0513 | | Lower Strut | |
| 23 | 710-0118 | | Hex Bolt 5/16-18 x .75" Lg.* | |
| 24 | 751-0279 | | Fuel Control Valve | |
| 26 | 12321 | | Height Adjuster Ass'y. Comp.—L.H. | |
| 27 | 710-0209 | | Hex Sems Bolt 3/8-16 x .62" Lg.* | |
| 28 | 14425 | | Strut Mounting Bracket | |
| 29 | 14004 | —488 | 22" Deck Ass'y. | |
| 30 | 710-0654 | | Hex Wash. Hd. Self-Tap Scr. 3/8-16 x .88" Lg. | |
| 31 | 14014 | —488 | Rear Chute Baffle—L.H. | |
| 32 | 710-0167 | | Carriage Bolt ¼-20 x .50" Lg.* | |
| 33 | 714-0365 | | #6 Hi-Pro Key 5/32 x 5/8" Dia. | |
| 34 | 10769 | | Blade Adapter Kit | |
| 35 | 10769 | | Blade Adapter Kit | |
| 36 | 736-0217 | | L-Wash. 3/8" I.D.—H.D. | |
| 37 | 710-0459 | | Hex Bolt 3/8-24 x 1.50" Lg. (Grade 5) | |
| 38 | 710-0117 | | Hex Bolt 5/16-24 x 1.00" Lg. (Grade 5) | |
| 39 | 742-0125 | | 22" Blade | |
| 41 | 712-0123 | | Hex Nut 5/16-24 Thd.* | |
| 42 | 712-0287 | | Hex Nut ¼-20 Thd.* | |
| 43 | 736-0329 | | L-Wash. ¼" I.D.* | |
| 45 | 710-0167 | | Carriage Bolt ¼-20 x .50" Lg.* | |
| 48 | 14235 | —488 | Rear Chute—Ass'y.—(Includes Ref. Nos. 60, 61 and 65) | |
| 50 | 12323 | | Index Plate | |
| 51 | 10531 | | Spring Lever Ass'y. w/Knob | |
| 52 | 736-0105 | | Bell-Wash. 3/8" I.D. | |
| 53 | 741-0332 | | Flanged Ball Bearing | |
| 54 | 734-1062 | | Wheel Ass'y. Comp. 8 x 1.75 | |
| 55 | 710-0427 | | Hex Bolt 3/8-16 x 2.00" Lg. | |
| 56 | 712-0375 | | Hex Cent. L-Nut 3/8-16 Thd. | |
| 57 | 736-0255 | | Bell-Wash. .50" I.D. x 1.14" O.D. | |
| 58 | 10619 | | Pivot Bar | |
| 59 | 738-0269 | | Shoulder Bolt (3/8-16 Thd.) | |
| 60 | 13407 | —488 | Chute Door | |
| 61 | 732-0346 | | Torsion Spring | |
| 62 | 712-0271 | | Hex Sems Nut ¼-20 Thd.* | |
| 64 | 710-0167 | | Carriage Bolt ¼-20 x .50" Lg.* | |
| 65 | 738-0386 | | Hinge Pin .250" Dia. x 7.25" Lg. | |
| 67 | 712-0271 | | Hex Sems Nut ¼-20 Thd.* | |
| 68 | 710-0258 | | Hex Bolt ¼-20 x .62" Lg.* | |
| 69 | 731-0449 | | Rear Flap Ass'y. | |
| 72 | 12322 | | Height Adjuster Ass'y. Comp.—R.H. | |
| 75 | 14592 | | Handle Mount Brkt. Ass'y. —R.H. | N |
| 76 | 710-0776 | | Hex Wash. Hd. Self-Tap Scr. ¼-20 x .62" Lg. | |
| 77 | 714-0104 | | Hairpin Cotter 5/16" Dia. | |
| 78 | 726-0100 | | Push Cap 3/8" Rod | |
| 79 | 731-0430 | | Plastic Roller | |
| 80 | 736-0142 | | Fl-Wash. .281" I.D. x .50" O.D. x .063 | |
| 81 | 14012 | —488 | Grass Catcher—Hitch Brkt. | |
| 82 | 710-0703 | | Carriage Bolt ¼-20 x .75" Lg.* | |
| 83 | 712-0267 | | Hex Nut 5/16-18 Thd.* | |
| 84 | 732-0357 | | Extension Spring .33" O.D. x 1.12" Lg. | |
| 85 | 14584 | | Grass Catcher Lock Lever | N |
| 86 | 738-0155 | | Shld. Bolt .427" Dia. x .162" Lg. | |
| 87 | 14582 | | Grass Catcher Lower Frame Ass'y. | N |
| 88 | 749-0512 | | Grass Catcher Upper Frame | |
| 89 | 764-0191 | | Grass Bag | |
| 90 | 718-0145 | | Grip | |
| 91 | 712-0107 | | Hex Cent. L-Nut ¼-20 Thd. | |
| 92 | 07919 | | Scalp Plate (Not Shown) | |

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

(488—Mack Truck Yellow)

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Mack Truck Yellow Finish—14004 (488).)

NOTE: The engine is not under warranty by the mower manufacturer...If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."

**NOTE**

**This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.**

# PARTS INFORMATION

**POWER EQUIPMENT PARTS AND SERVICE**

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

**BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE**

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline,** Briggs & Stratton or Tecumseh Lauson.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

| | | |
|---|---|---|
| **ALABAMA** | **BIRMINGHAM** | |
| Auto Electric & Carburetor Co. | 2625 4th Ave. S. | 35233 |
| **ARKANSAS** | **FORT SMITH** | |
| Mity Mite Motors, Inc. | 4515 S. 16th St. | 72901 |
| | **NORTH LITTLE ROCK** | |
| Sutton's Lawn Mower Shop | Rt. 4, Box 368 | 72117 |
| **CALIFORNIA** | **PORTERVILLE** | |
| Billious | 75 North D Street | 93257 |
| **COLORADO** | **DENVER** | |
| Spitzer Industrial Products Co. | 6601 N. Washington St., Box 29114 | 80229 |
| **FLORIDA** | **JACKSONVILLE** | |
| Radco Distributors | 4909 Victor St., Box 5459 | 32207 |
| | **OPA LOCKA** | |
| Small Eng. Dist. | 2351 N.W. 147th St. | 33054 |
| **GEORGIA** | **EAST POINT** | |
| East Point Cycle & Key | 2834 Church St. | 30344 |
| **ILLINOIS** | **LYONS** | |
| Keen Edge Co. | 8615 Ogden Ave. | 60534 |
| **INDIANA** | **ELKHART** | |
| Parts & Sales Inc. | 2101 Industrial Pkwy. | 46514 |
| **IOWA** | **DUBUQUE** | |
| Power Lawn & Garden Equip. | 2551 J.F. Kennedy | 52001 |
| **LOUISIANA** | **NEW ORLEANS** | |
| Suhren Engine Co. | 8330 Earhart Blvd. | 70118 |
| **MARYLAND** | **TAKOMA PARK** | |
| Center Supply Co. | 6867 New Hampshire Ave. | 20012 |
| **MASSACHUSETTS** | **SPRINGFIELD** | |
| Morton B. Collins Co. | 300 Birnie Ave. | 01107 |
| **MICHIGAN** | **LANSING** | |
| Lorenz Service Co. | 2500 S. Pennsylvania | 48910 |
| | **MOUNT CLEMENS** | |
| Power Equipment Dist. | 340 Hubbard | 48043 |
| **MINNESOTA** | **HOPKINS** | |
| Hance Distributing Inc. | 420 Excelsior Ave. W. | 55343 |
| **MISSISSIPPI** | **BILOXI** | |
| Biloxi Sales & Service, Inc. | 506 Caillavet St. | 39533 |
| **MISSOURI** | **KANSAS CITY** | |
| Automotive Equip. Service | 3117 Holmes St. | 64109 |
| | **ST. JOSEPH** | |
| Ross-Frazier Supply Co. | 8th and Monterey | 64503 |
| | **ST. LOUIS** | |
| Henzler, Inc. | 2015 Lemay Ferry Rd. | 63125 |
| **NEW JERSEY** | **BELLMAWR** | |
| Lawnmower Parts Inc. | 717 Creek Rd. | 08030 |
| **NEW MEXICO** | **ALBUQUERQUE** | |
| Spitzer Eng. & Parts | 1023 Third St. N.W. | 87103 |
| **NEW YORK** | **CARTHAGE** | |
| Gamble Dist., Inc. | West End Ave. | 13619 |
| **NORTH CAROLINA** | **GOLDSBORO** | |
| Smith Hardware Co. | 515 N. George St. | 27530 |
| | **GREENSBORO** | |
| Dixie Sales Company | 335 N. Green | 27402 |
| **OHIO** | **CARROLL** | |
| Stebe's Mid-State Mower Supply | 71 High St., Box 366 | 43112 |
| | **CLEVELAND** | |
| Bleckrie, Inc. | 7900 Lorain Ave. | 44102 |
| | **WADSWORTH** | |
| National Central | 687 Seville Rd. | 44281 |
| | **YOUNGSTOWN** | |
| Burton Supply Co. | 1301 Logan Ave., Box 929 | 44501 |
| **OKLAHOMA** | **MUSKOGEE** | |
| Victory Motors, Inc. | 605 S. Cherokee | 74401 |
| **OREGON** | **PORTLAND** | |
| Kenton Supply Co. | 8216 N. Denver Ave. | 97217 |
| **PENNSYLVANIA** | **HARRISBURG** | |
| EECO Inc. | 4021 N. 6th St. | 17110 |
| | **PHILADELPHIA** | |
| Thompson Rubber Co. | 5222-24 N. Fifth St. | 19120 |
| | **PITTSBURGH** | |
| Bluemont Co. | 11125 Frankstown Rd. | 15235 |
| | **PUNXSUTAWNEY** | |
| Frank Roberts & Sons | R.D. 2 | 15767 |
| **TENNESSEE** | **KNOXVILLE** | |
| Master Repair Service | 2000 Western Ave. | 37921 |
| | **MEMPHIS** | |
| American Sales & Service, Inc. | 3035-43 Bellbrook | 38116 |
| **TEXAS** | **DALLAS** | |
| Marr Brothers, Inc. | 423 E. Jefferson | 75203 |
| | **FORT WORTH** | |
| Woodson Sales Corp. | 1702 N. Sylvania | 76111 |
| | **HOUSTON** | |
| Bullard Supply Co. | 2409 Commerce St. | 77003 |
| **UTAH** | **SALT LAKE CITY** | |
| A-1 Engine & Mower Co. | 437 E. 9th St. | 84111 |
| **VERMONT** | **BURLINGTON** | |
| Vermont Hdwe. Co. Inc. | 180 Flynn Ave. | 05401 |
| **VIRGINIA** | **ASHLAND** | |
| RBI Corp. | Lake Ridge Park, 101 Cedar Run Dr. | 23005 |
| **WASHINGTON** | **SEATTLE** | |
| Bailey's Inc. | 1414 14th Ave. | 98102 |
| **WEST VIRGINIA** | **CHARLESTON** | |
| Young's, Inc. | 233 Virginia St., E. | 25301 |
| **WISCONSIN** | **MARSHFIELD** | |
| Power Pac | 301 E. 29th St. | 54449 |

**WARRANTY PARTS AND SERVICE POLICY**

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

**CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:**

1. **Replacement of Missing Parts** on new equipment.
2. **Replacement of Defective Parts** within the warranty period.
3. **Repair of Defects** within the warranty period.

All claims MUST be substantiated with the following information:

1. **Model Number** of unit involved.
2. **Date** unit was purchased or first put into service.
3. **Date of failure.**
4. **Nature of failure.**